

PAT-NO: JP02000355510A

DOCUMENT-IDENTIFIER: **JP 2000355510 A**

TITLE: INSECT REST CONTROLLER FOR CLOTHING AND  
STORAGE CABINET  
MEMBER

PUBN-DATE: December 26, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
AOKI, SHIGEMASA	N/A
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ASSIGNEE-INFORMATION:

NAME	COUNTRY
EARTH CHEM CORP LTD	N/A

APPL-NO: JP2000104534

APPL-DATE: September 13, 1991

INT-CL (IPC): A01N053/06

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain the subject controller having excellently controlling effects on insect pests for clothing such as clothes moth, bisselliella Tinnneola bisselliella, etc., by making the controller include a specific pyrethroid-based compound and empenethrin.

SOLUTION: This composition comprises (A) a compound of the formula (X1 and X2 are each Cl or methyl [e.g. 2,3,5,6-tetrafluorobenzyl (+) 1R,3S-trans-2,2-dimethyl-3(2,2-dichlorovinyl)-cyclopropanecarboxylate, etc.], and (B) 1-ethynyl-2-methyl-2-pentenyl chrysanthemate (empenethrin). The controller contains preferably about 80 wt.% of the component A. A sublimable carrier such

as tricyclodecane, cyclododecane, trioxane, trimethylenenorbornene, etc., may be used instead of the component B and is mixed with the compound of the formula and used in the form of a sublimable solid agent.

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DERWENT-ACC-NO: 2001-293935

DERWENT-WEEK: 200618

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TITLE: Safe, properly volatile, long-term effective  
pesticidal composition for clothes containing benzene  
derivative and empenethrin or carrier

PATENT-ASSIGNEE: EARTH SEIYAKU KK[EART]

PRIORITY-DATA: 1991JP-0310277 (September 13, 1991) , 2000JP-0104534  
(September 13, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 3748757 B2	February 22, 2006	N/A
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<b>JP 2000355510 A</b>	December 26, 2000	N/A
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APPLICATION-DATA:

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JP 3748757B2	Div ex	1991JP-0310277
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INT-CL (IPC): A01N053/00, A01N053/06

RELATED-ACC-NO: 1994-147820

ABSTRACTED-PUB-NO: JP2000355510A

BASIC-ABSTRACT:

NOVELTY - A pesticidal composition for clothes contains mixture of benzene derivative (I) with empenethrin.

DETAILED DESCRIPTION - A pesticidal composition contains mixture of compound of formula (I) with 1-ethinyl-2-methyl-2-pentenyl chrysanthemate (empenthrin).

X1, X2 = Cl and/or methyl.

INDEPENDENT CLAIMS are also included for:

- (1) pesticidal composition for clothes containing mixture of compound (I) with sublimatory carrier to assume the form of sublimatory solid; and
- (2) furniture materials allowed to retain (I).

ACTIVITY - Insecticidal.

MECHANISM OF ACTION - None given.

USE - This invention is useful for controlling cloth pests, especially cloth moths.

ADVANTAGE - Insecticidally active (I), with low toxicity, is long-term gasifiable compared with conventional pyrethroid compounds. Its use with empenethrin or with sublimatory carrier, or the immersion of furniture materials in it, to allow its retention effectively controls cloth moths.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SAFE PROPER VOLATILE LONG TERM EFFECT PEST COMPOSITION CLOTHING

CONTAIN BENZENE DERIVATIVE EMPENTHRIN CARRY

DERWENT-CLASS: C03 D22 E14 F06

CPI-CODES: C10-G02; C14-B04B; D09-A01; E10-G02F2; F03-C02B;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

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